

# Marine BioBlitz

## Sunshine Coast



## Program

30 – 31 August

### Pre-BioBlitz workshops

Time	Activity	Location	Host
<b>Saturday 24 August</b> 8:30am – 4:00pm	<b>Dolphin spotter citizen science workshop – Dolphin Research Project SEQ</b> 8:30 – 12pm: Marcoola SLSC (theory) 1pm – 4pm: Noosa National Park Book <a href="#">here</a>	Marcoola SLSC (Theory) Noosa National Park (Practical)	Dr Alexis Levensgood & Georgina Hume (UniSC)
<b>Sunday 25 August</b> 9:30am	<b>Marine eco-acoustics masterclass</b> Learn the theory behind bioacoustics technology, and put it to use onboard Sunreef's vessel, Wild One. Book <a href="#">here</a>	Sunreef, Mooloolaba & waters of the Sunshine Coast	Dr Leah Barclay (UniSC) Sunreef Mooloolaba
<b>Tuesday 27<sup>th</sup> August</b> 6:00pm – 7:00pm	<b>iNaturalist Webinar</b> Learn how to use iNaturalist to collect data for the Marine BioBlitz	<a href="#">Online</a>	Sunshine Coast Council Marine BioBlitz Team

### Thursday 29 August

Time	Activity	Location	Host
9:30am – 10:30am	<b>Pre-booked School groups - rocky foreshore surveys</b>	Various	UniSC, SCC, CaNSCC
4:30pm – 7pm	<b>Tallo-Billa:</b> The Beeyali team invites you on board Sunreef's Whale One, to listen underwater and experience cymatic visualisations of humpback whale songs. Book <a href="#">here</a>	Mudjimba Island	Dr Leah Barclay (UniSC) Uncle Lyndon Davis Sunreef, Mooloolaba

## Friday 30 August

Time	Activity	Location	Host
<b>Expeditions</b>			
7:30am – 12pm	<b>Grey nurse shark dive and photo ID</b> Book <a href="#">here</a> , discount code: BIOBLITZ24	Nurse Rock, Mooloolaba	Karen Anderson Johan Gustafson (UniSC/ Griffith University) Sunreef Mooloolaba
7:30am – 1:30pm	<b>Turtle photo identification and snorkel</b> Book <a href="#">here</a>	Mudjimba Island	Ebony King (SCC) Blue Tortuga Adventures
8am – 10:30am	<b>Dolphin spotter – Dolphin Research Project SEQ</b> Book <a href="#">here</a> , discount code: BIOBLITZ24	Waters within and adjacent to the UNESCO Biosphere Marine Area	Dr Alexis Levingood & Georgina Hume (UniSC) Sunreef Mooloolaba
8am – 1pm	<b>Ex-HMAS Brisbane Wreck dive</b> Book <a href="#">here</a> – Promo code: bioblitz150off	Ex-HMAS Brisbane Wreck	Scubaworld Reef Check Australia
8am – 12pm	<b>Pelagic survey, snorkel and freedive</b> Book <a href="#">here</a>	Mudjimba Island	Sam Cook (SCC) The Pressure Project
8am – 9:30am	<b>Warana foreshore community planting</b> Book <a href="#">here</a>	Warana Beach	BushCare (SCC)
8am – 10am	<b>Maroochy Wetlands Sanctuary bird walk</b> Book <a href="#">here</a>	Maroochy Wetlands, Bli Bli	Ben Green (SCC)
10am – 12pm	<b>Mooloolaba beach cultural tour</b> Book <a href="#">here</a>	Basecamp – Pirate Ship Park Mooloolaba	Aunty Bridgette Chilli
10:30am – 1pm	<b>Whale watching and citizen science</b> Book <a href="#">here</a> , discount code: BIOBLITZ24	Waters within and adjacent to the UNESCO Biosphere Marine Area	Dr Vikki Schaffer (UniSC) Emily Gregory Jess Medley (HHR) Sunreef, Mooloolaba
10:30am – 12:30pm	<b>Pumicestone Passage Wildlife Eco Cruise</b> Call 0458 005 008 to book your ticket	Pumicestone Passage	Darren Jew Caloundra Cruises
10:30am – 12:30am	<b>Rocky foreshore surveys Budunghah</b> Book <a href="#">here</a>	Pt Cartwright, Buddina	Dr Chris Henderson (UniSC)
10:30am – 12:30am	<b>Rocky foreshore surveys Yaroomba</b> Book <a href="#">here</a>	Pt Arkwright, Yaroomba	CaNSCC
11:30am – 4pm	<b>Underwater digital twin dive - underwater</b> 3D mapping of reef habitat. Book <a href="#">here</a> , discount code: BIOBLITZ24	Mudjimba Island	Dr Javier Leon (UniSC) Jodie Salmond (RCA) Sunreef Mooloolaba
1pm – 3pm	<b>Climate watch walk</b> Book <a href="#">here</a>	Maroochy Wetlands, Bli Bli	Stephanie Reif (SCC)

6pm – 8pm	<b>Astronomy dark sky workshop</b> Book <a href="#">here</a>	Basecamp – Pirate Ship Park Mooloolaba	Dr Vikki Schaffer (UniSC)
<b>Activities at BioBlitz Basecamp (Pirate Ship Park, Mooloolaba)</b>			
12pm – 5pm	<b>Guest speakers</b> Raeleen Draper (SCC) – Blue Carbon and Blue Heart Project Prof Justin Marshall – CoralWatch (UQ) Dale Watson and Dr Chris Henderson – Sunshine Coast Coastal Health Report/Baited Remote Underwater Video Workshop Gary Cobb – Nudibranchs of the Sunshine Coast Johan Gustafson – Bull sharks	Basecamp	Various subject matter experts
12pm – 5:30pm	<b>Marketplace</b> – interactive stalls, community groups, research groups, marine inspired artwork, natural history collections and citizen science participation.	Basecamp	Various
12pm – 5pm	<b>Family activities</b> – marine inspired arts and crafts	Basecamp	TurtleCare (SCC)
12pm – 5pm	<b>Data entry</b> – chat to experts and upload your photos to iNaturalist, the data entry team will be able to help you identify species	Basecamp	Various subject matter experts
1pm – 3pm	<b>SEA LIFE Trust beach clean up</b> Join SEA LIFE in cleaning up Mooloolaba Beach. Book <a href="#">here</a>	Basecamp	SEA LIFE Trust
2pm – 3 pm	<b>eDNA Workshop</b> Help process eDNA samples taken from our marine biosphere. Book <a href="#">here</a>	Basecamp	Kate Hofmeister (SCC)
2pm – 3pm	<b>Sunshine Coast Coastal Health Report – BRUV (Baited Remote Underwater Video) workshop</b> Book <a href="#">here</a>	Basecamp – Pirate Ship Park Mooloolaba	Dale Watson (SCC) Dr Chris Henderson (UniSC)
5pm	<b>Official opening of the Marine BioBlitz</b> Welcome to country and smoking ceremony by the Traditional Custodian, Aunty Bridgette Chilli and other guest speakers.	Basecamp	Aunty Bridgette Chilli SCC
4:30pm	<b>Meet the artist in residence: Deb Mostert</b> Almost scientific in her approach, Deb is a local Qld artist who is known for her realistic paintings and ability to convey beautiful	Basecamp	Deb Mostert

	Australian landscapes and wildlife in a unique way.		
5:30pm – 6:30pm	<b>Film Festival</b> – screening of local short-films inspired by the ocean and marine conservation	Basecamp	
6:30pm	<b>Deep ocean listening session</b> – immersive sound session listening to live hydrophone recordings from Mudjimba Island	Basecamp	Dr Leah Barclay (UniSC)

## Saturday 31 August

Time	Activity	Location	Host
6:45am – 11:45am	<b>Ex-HMAS Brisbane Wreck dive</b> Book <a href="#">here</a> - Promo code: bioblitz150off	Ex-HMAS Brisbane Wreck	Scubaworld ReefCheck Australia
7am – 12pm	<b>Nudibranchs of the Sunshine Coast dive</b> Book <a href="#">here</a> , discount code: BIOBLITZ24	Waters within and adjacent to the UNESCO Biosphere Marine Area	Gary Cobb ReefCheck Australia Sunreef, Mooloolaba
7:30am – 1:30pm	<b>Turtle photo identification and snorkel</b> Book <a href="#">here</a>	Mudjimba Island	Ebony King (SCC) Blue Tortuga Adventures
7:30am – 10am	<b>Whale watching and citizen science</b> Book <a href="#">here</a> , discount code: BIOBLITZ24	Waters within and adjacent to the UNESCO Biosphere Marine Area	Dr Vikki Schaffer (UniSC) Emily Gregory Sunreef Mooloolaba
8am – 10:30am	<b>Dolphin spotter – Dolphin Research Project SEQ</b> Book <a href="#">here</a> , discount code: BIOBLITZ24	Waters within and adjacent to the UNESCO Biosphere Marine Area	Dr Alexis Levensgood & Georgina Hume (UniSC) Sunreef Mooloolaba
8am – 11am	<b>Pelagic survey, snorkel and freedive</b> Book <a href="#">here</a>	Inner Gneerings	Sam Cook (SCC) The Pressure Project
10am – 12pm	<b>Bdunghah cultural tour (Point Cartwright)</b> Book <a href="#">here</a>	Point Cartwright, Buddina	Aunty Bridgette Chilli
10:30am – 12:30pm	<b>Pumicestone Passage Wildlife Eco Cruise</b> Call 0458 005 008 to book your ticket	Pumicestone Passage	Darren Jew Caloundra Cruises
11:30am – 4pm	<b>Underwater digital twin dive</b> – use photos to participate in underwater 3D mapping of reef habitat. Book <a href="#">here</a> , discount code: BIOBLITZ24	Mudjimba Island	Dr Javier Leon (UniSC) Jodie Salmond (RCA) Sunreef Mooloolaba
11:30am – 1:30am	<b>Rocky foreshore surveys Budunghah</b> Book <a href="#">here</a>	Point Cartwright, Buddina	Dr Chris Henderson (UniSC)

11:30am – 1:30am	<b>Rocky foreshore surveys Shelly Beach</b> Book <a href="#">here</a>	Shelly Beach Headland, Shelly Beach	Dr Melissa Staines (UQ)
11:30am – 1:30am	<b>Rocky foreshore surveys Yaroomba</b> Book <a href="#">here</a>	Point Arkwright, Yaroomba	CaNSCC
12pm – 5pm	<b>Seaweed Squad research group dive</b> Book <a href="#">here</a> – Promo code: bioblitz150off	Mooloolaba Reefs	Dr Alex Campbell (UniSC) Scubaworld
2pm – 4pm	<b>Land-based humpback whale survey</b> Book <a href="#">here</a>	Point Cartwright, Buddina	HHR
<b>Activities at BioBlitz Basecamp (Pirate Ship Park, Mooloolaba)</b>			
12pm – 4pm	<b>Guest speakers</b> Nikki Biskis – Sawfish identification Anna Knochel – Reef manta rays in Eastern Australia (Project Manta) Ebony King – To Sea in the Dark: how streetlights impact turtle hatchlings Rowan Carew – Seahorses of the Sunshine Coast	Basecamp	Various
12pm – 4pm	<b>Family activities</b> – marine inspired arts and crafts	Basecamp	TurtleCare (SCC)
12pm – 4pm	<b>Ocean Life Education</b> – ‘Brings the Sea to You’ with fun and interactive live marine education with touch tanks and artifacts designed to inspire protection of our precious oceans.	Basecamp	Ocean Life Education
12pm – 5pm	<b>Data entry</b> – chat to experts and upload your photos to iNaturalist. Not sure what species you have photographed? The data entry team will be able to help you identify it!	Basecamp	SCC
1pm – 4pm Workshops: 1pm – 1:30pm 2pm – 2:30pm 3pm – 3:30pm	<b>Digital citizen science workshop</b> – Inclusive citizen science with virtual reality experience of the Ex-HMAS Brisbane Wreck Dive ( <a href="#">SDG10</a> ) Book <a href="#">here</a>	Basecamp	Dr Vikki Schaffer (UniSC)
2 – 3 pm	<b>Environmental DNA (eDNA) Workshop</b> Help process eDNA samples taken from our marine biosphere. Book <a href="#">here</a>	Basecamp	Kate Hofmeister (SCC)
<b>4pm</b>	<b>Science communication and closing ceremony</b> Includes short presentations from each subject matter expert summarising their findings from each expedition, followed by prizes awarded for participants.	Basecamp	Various Subject Matter Experts SCC
*Sunshine Coast Council (SCC), University of the Sunshine Coast (UniSC), Reef Check Australia (RCA), University of Queensland (UQ), Humpbacks and Highrisers (HHR), Coolum and North Shore Coast Care (CNSCC), Mooloolah River Landcare (MRLW).			



\*\* Program is subject to change due to weather conditions etc.